

ABSTRACT OF THE DISCLOSURE

Nanodiamonds can be included in various compositions to take advantage of the ability of nanodiamond to bond with biological materials and to improve mechanical strength. Nanodiamonds can be dispersed in a biologically acceptable carrier to form various nanodiamond compositions. The presence of nanodiamonds can increase binding with many biological materials, making the compositions of the present invention useful for a large variety of purposes such as cleansing, testing and identification of materials, and treatment of adverse conditions. Specific examples of nanodiamond compositions that can be formulated include deodorants, toothpastes, shampoos, antibiotics, dermal strips, DNA test strips, skin cleansers, and the like. Similarly, nanodiamond particles can be included in a cosmetic nanodiamond composition within a cosmetically acceptable carrier. Cosmetic nanodiamond compositions can include, for example, nail polish, eyeliner, lip gloss, exfoliant, and the like.